

PRODUCT INFORMATION PACKET



Model No: 056T17E5314

Catalog No: G664

Explosion Proof Motor, 0.25 HP, 3 Ph, 60 Hz, 575 V, 1800 RPM, 56 Frame, EPNV



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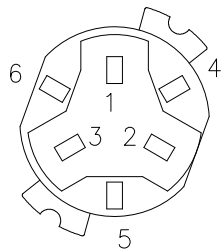
Nameplate Specifications

Phase	3	Output HP	0.25 Hp
Output KW	0.19 kW	Voltage	575 V
Speed	1725 rpm	Service Factor	1.0
Frame	56	Enclosure	Explosion Proof Non Ventilated
Thermal Protection	Automatic	Efficiency	71 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	0.45 A	Power Factor	61.5
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	N
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	UL Listed And CSA Certified	CSA	Y
CE	N	IP Code	54
Number of Speeds	1	Hazardous Location	DIV 1 EXP PROOF CL I GR CD CL II GR FG T3B

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	58.8 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	11.97 in
Frame Length	6.31 in	Shaft Diameter	0.625 in
Shaft Extension	2 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	A-EE7335B	Outline Drawing	B-104196-631

SINGLE VOLTAGE – THREE PHASE WITH OVERLOAD PROTECTOR



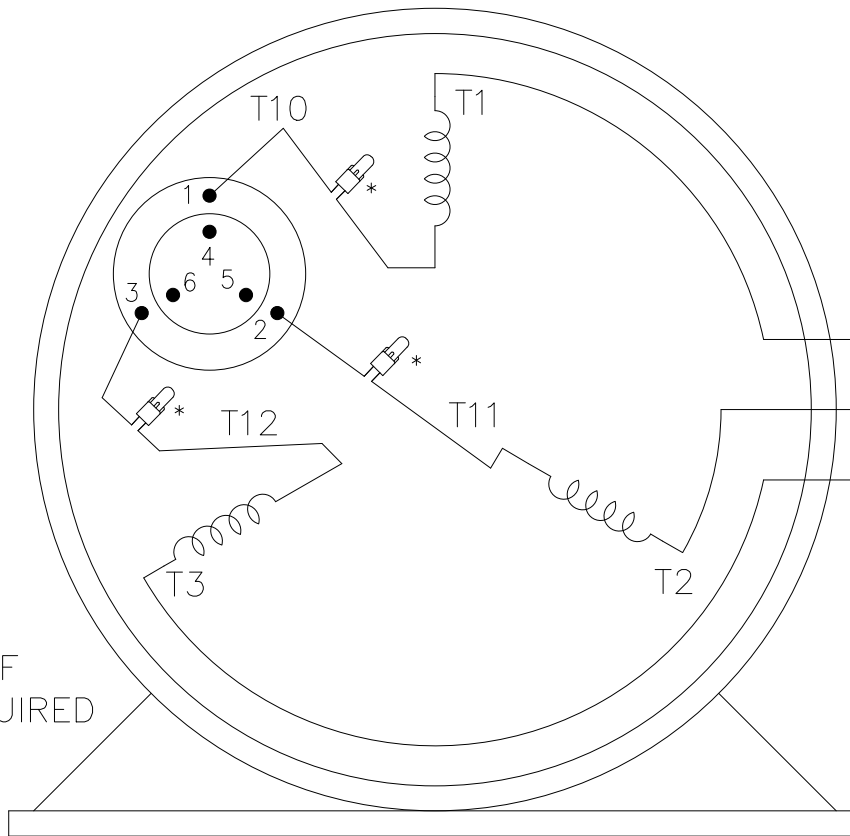
NOTE:
ACTUAL PROTECTORS
TERMINAL LOCATIONS
FOR LEAD CONNECTIONS

NOTE: TERMINAL BOARD
CONNECTIONS

LEADS WITH TERMINALS
SHOULD BE CONNECTED
TO INBOARD SIDE OF
TERMINAL BOARD.

T1 --- L1 — 4A }
T2 --- L2 — 5A }
T3 --- L3 — 6A }

IF
REQUIRED



T1 — 4A }
T2 — 5A } IF
T3 — 6A } REQUIRED

—TO REVERSE ROTATION—
INTERCHANGE ANY TWO
LINE LEAD CONNECTIONS

VIEW OF TERMINAL END

OPTIONAL CORD
CONNECTION

L1 — WHITE
L2 — RED
L3 — BLACK

		T6CK
T6CA		T6BM
T4CC		T4AY
T4C		T2DL
T6D		T2H

* USE PRESSURE CONNECTORS FOR MT2 PLANT ONLY

NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED		REGAL™ Regal Beloit America, Inc.	DRAWN KL 08-25-1993
				DEC.	INCHES		
12	UPDATED PER ECR-0211312	SG 07/27/2021	BD	.X	± -		CHK RD 11-12-2014
11	ADDED THE OPTIONAL CORD CONNECTION	JAH 11-12-2014	RD	.XX	± -	TITLE CONNECTION DIAGRAM	APPD RD 11-12-2014
10	PRESSURE CONNECTORS ADDED (QTY 3)	PVR 07-09-2014	GR	.XXX	± -	SINGLE VOLT – 3Ø WITH OVERLOAD PROT.	SCALE 1=1
9	ADDED 4A, 5A, & 6A "IF REQUIRED" MU44987	MSG 01-07-2002	SAS	.XXXX	± -	MAT'L.	REF
				ANG	± -	FINISH	FMF
							PREV

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RFP
DIST LB-WP

CAD FILE EE7335B

SIZE A DRAWING NO. EE7335B PAGE OF 12 REV. 12



REGAL REXNORD CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at

575 Volts
60 HZ
0.25 HP

HP 0.25

PHASE 3

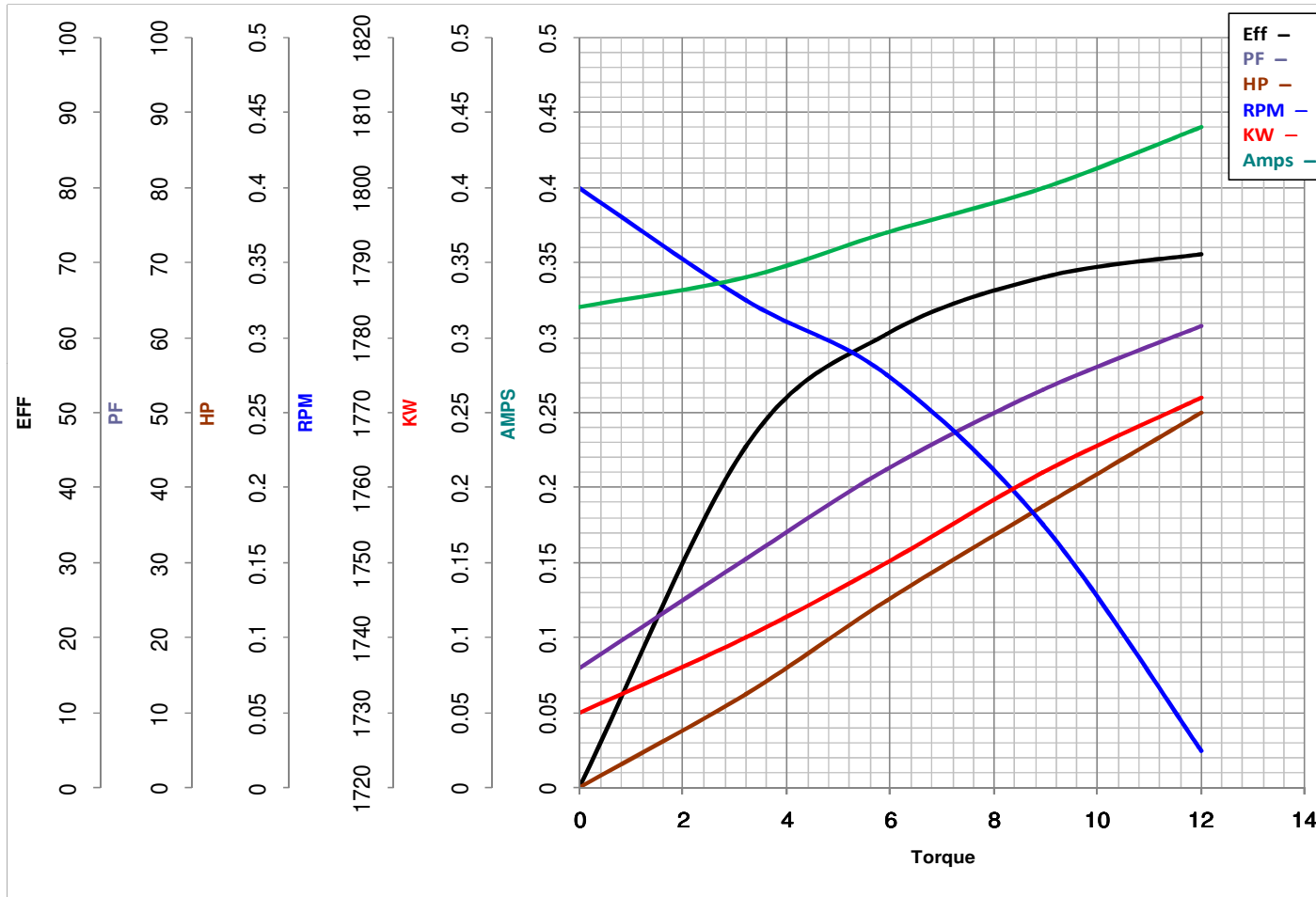
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VOLTS 575

Catalog No G664

HZ 60

RPM 1725



Torque in Oz.Ft

FL TORQUE 12 Oz.Ft
BD TORQUE 59.2 Oz.Ft
LR TORQUE 49.6 Oz.Ft

FL AMPS 0.45
PU TORQUE 88.0 Oz.Ft
LR AMPS 2.88

WINDING ZT493-2

Date 1/30/2019